

An economic and sustainable approach to transform aluminosilicate-rich solid waste to functionally graded composite foam for high-temperature applications

Pandey, Vaibhav; **Yadav, Mayank Kumar**; Panda, Saroja Kanta; Singh, Vinay Kumar *Chemosphere* 2023 / art. 139588
<https://doi.org/10.1016/j.chemosphere.2023.139588> [Journal metrics at Scopus](#) [Article at Scopus](#)

Application of bulk property based correlations to phenolic moieties rich oil

Oja, Vahur; Baird, Zachariah Steven; Järvik, Oliver 28th European Symposium on Applied Thermodynamics ESAT 2015 : June 11-14, 2015, Athens, Greece : book of abstracts 2015 / p. 140

Ash fouling of boiler tubes and thermophysical properties of deposits

Ots, Arvo *Handbook of Combustion. Volume 4, Solid fuels* 2010 / p. 533-555
<https://onlinelibrary.wiley.com/doi/abs/10.1002/9783527628148.hoc069>

Assessment of cermets performance in aggressive media

Antonov, Maksim 2006 http://www.ester.ee/record=b2208731*est

Effect of chemical modification of wood flour on the mechanical properties of wood-plastic composites [Electronic resource]

Kallakas, Heikko; Shamim, M. A.; Olutubo, T.; Poltimäe, Triinu; Süld, Tiia-Maaja; Krumme, Andres; Kers, Jaan 6th International Conference Biosystems Engineering 2015 : 7-8 May 2015, Tartu, Estonia : book of abstracts 2015 / p. 94. [CD-ROM]
http://bse.emu.ee/BSE2015_Book%20of%20ABSTRACTS_ISBN.pdf

Effect of hemp fiber surface treatment on the moisture/water resistance and reaction to fire of reinforced PLA composites

Alao, Percy Festus; Marrot, Laetitia; **Kallakas, Heikko; Just, Alar; Poltimäe, Triinu; Kers, Jaan** *Materials* 2021 / art. 4332, 17 p. : ill <https://doi.org/10.3390/ma14154332> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Efficient barrier properties of mechanically enhanced agro-extracted cellulosic biocomposites

Qasim, Umair; Fatima, R.; Usman, M. *Materials today chemistry* 2020 / art. 100378, 8 p. : ill
<https://doi.org/10.1016/j.mtchem.2020.100378>

Evaluation of high performance aluminum for microwave filters

Martin-Iglesias, P.; **Raadik, Taavi**; Teberio, F.; Percz, J.M.; Martin-Iglesias, S.; Pambaguian, L.; Arregui, I.; Laso, M.A.G. 2019 IEEE MTT-S International Microwave Symposium (IMS), Boston, Massachusetts, 2-7 June 2019 : proceedings 2019 / p. 1183-1186
<https://doi.org/10.1109/MWSYM.2019.8700938> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Fire separating function of wood-based materials

Mäger, Katrin Nele; Werther, Norman; **Just, Alar**; Frangi, Andrea *Book of abstracts of the final conference COST FP 1404 "Fire Safe Use of Bio-Based Building Products"*, Zürich, 1st and 2nd October 2018 2018 / p. 31-35 : ill [Fire Safe Use of Bio-Based Building Product](#)

Heating rate effect on the thermal behaviour of some clays and their mixtures with oil shale ash additives

Kaljuvee, Tiit; Štubna, Igor; Hulan, Tomaš; Kuusik, Rein, *keemik 3rd Central and Eastern European Conference on Thermal Analysis and Calorimetry*, 25-28 August 2015, Ljubljana, Slovenia : book of abstracts 2015

Influence of cellulose content on thermal properties of poly(lactic) acid/cellulose and low-density polyethylene/cellulose composites

Šumigin, Dmitri; Tarasova, Elvira; Krumme, Andres; Viikna, Anti 12th International Conference on Biocomposites : Transition to Green Materials : May 6-8, 2012, Niagara Falls, Ontario, Canada 2012 / p. 54
[https://www.researchgate.net/publication/267408407_Influence_of_cellulose_content_on_thermal_properties_of_poly\(lactic\)_acid/cellulose_and_low-density_polyethylenecellulose_composites](https://www.researchgate.net/publication/267408407_Influence_of_cellulose_content_on_thermal_properties_of_poly(lactic)_acid/cellulose_and_low-density_polyethylenecellulose_composites)

Kõrgtiheda polüetüleeni termiliste omaduste ja morfoloogilise oleku sõltuvus osoneerimise kestvusest

Nikitina, Nonna; Süld, Tiia-Maaja; Viikna, Anti XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 82

Properties of kukersite shale oil

Järvik, Oliver; Baird, Zachariah Steven; Rannaveski, Rivo; Oja, Vahur *Oil shale* 2021 / p. 265-294
<https://doi.org/10.3176/oil.2021.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reduction mechanism of WO₃ + CuO mixture by combined Mg/C reducer : non-isothermal conditions - high heating rates

Aydinyan, Sofiya; Nazaretyan, Khachatur; Zargaryan, A.G.; Tumanyan, M.E.; Kharatyan, Suren *Journal of thermal analysis and calorimetry* 2018 / p. 261-269 : ill <https://doi.org/10.1007/s10973-018-6985-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Shale gasoline thermal conductivity : experimental data and estimates from correlations for petroleum and coal liquids

Järvik, Oliver ECTP2014 - 20th European Conference on Thermophysical Properties : Porto, Portugal, August 31st-September 4th

Soojustehnika

Ots, Arvo Masinaehitaja käsiraamat. 1. kd 1968 / lk. 169-193 https://www.ester.ee/record=b1298495*est

Study of thermal properties of synthetic resins based on oil shale alkylresorcines

Jurkeviciute, Ana; Grigorieva, Larisa; Tõnsuaadu, Kaia Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / p. 22 [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

The complex method for investigation of thermophysical properties of kraft recovery boiler fireside deposits

Tiikma, Toomas; Tran, Honghi Progress in Engineering Heat Transfer : proceedings of 3rd Baltic Heat Transfer Conference 1999 / p. 95-102

The study of thermophysical properties of boiler furnace deposits

Tiikma, Toomas; Micevic, Z. Recent advances in heat transfer : proceedings of the First Baltic Heat Transfer Conference, Göteborg, Sweden, Aug. 26-28, 1991 1992 / p. 453-466: ill

Thermal and kinetic characteristics of some oil shale samples

Kaljuvee, Tiit; Kuusik, Rein, keemik; Petkova, Vilma Thermophysics and mass transfer in materials science and construction 2015 / p. 67-74 <http://dx.doi.org/10.4028/www.scientific.net/AMR.1126.67>

Thermal and mechanical properties of composites based on treated lignocellulosic fibres

Süld, Tiia-Maaja; Viikna, Anti; Sassi, Riin Book of abstracts : MEDICTA 2007 : the 8th Mediterranean Conference on Calorimetry and Thermal Analysis : September 25th - September 29th, 2007, Palermo, Italy 2007 / p. 236

Thermal and rheological properties of composites based on poly(lactic acid) and cellulose derivatives

Šumigin, Dmitri; Tarasova, Elvira; Krumme, Andres; Viikna, Anti Baltic Polymer Symposium 2012 : Liepaja, Latvia, September 19-22 : programme and proceedings 2012 / p. 127

Thermal behavior of some Estonian clays and their mixtures with oil shale ash additives

Kaljuvee, Tiit; Štubna, Igor; Somelar, Peeter; **Mikli, Valdek; Kuusik, Rein, keemik** Journal of thermal analysis and calorimetry 2014 / p. 891-899 : ill

Thermal behaviour of some Estonian clays and their mixtures with oil shale ash additives

Kaljuvee, Tiit; Štubna, Igor; Somelar, Peeter; **Mikli, Valdek; Kuusik, Rein, keemik** Book of abstracts : 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 27-30 August 2013, Vilnius, Lithuania 2013 / p. 231

Thermal management experience in GaN-based DC-DC converter

Mohseni, Parham; Husev, Oleksandr; Vinnikov, Dmitri 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604322>

Thermal properties of calcium-aluminate based materials

Kulu, Priit; Goljandin, Dmitri; Traksmaa, Rainer; Kaljuvee, Tiit; Gregor, Andre Proceedings of the Estonian Academy of Sciences 2021 / p. 508-515 : ill <https://doi.org/10.3176/proc.2021.4.19> [Journal metrics at Scopus](#) [Article at Scopus](#) [Jornal metrics at WOS](#) [Article at WOS](#)

Thermal properties of calcium-aluminate based materials

Kulu, Priit; Goljandin, Dmitri; Traksmaa, Rainer; Kaljuvee, Tiit; Gregor, Andre IOP conference series : materials science and engineering 2021 / art. 012028, 7 p. : ill <https://doi.org/10.1088/1757-899X/1140/1/012028>

Thermal properties of modified polyethylene

Süld, Tiia-Maaja; Nikitina, Nonna; Viikna, Anti Proceedings of Baltic Polymer Symposium 2001 : Oct. 11-12 in Tallinn 2001 / p. 300-304

Thermo-physical properties and thermal shock resistance of chromium carbide based cermets

Antonov, Maksim; Hussainova, Irina 15th International Baltic Conference "Engineering Materials & Tribology. Baltmattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 26-27 : ill

Thermophysical properties of ash deposit on boiler heat exchange surfaces

Ots, Arvo Proceedings of 9th International Conference on Heat Exchanger Fouling and Cleaning 2011 : June 05-10, 2011, Crete Island, Greece 2011 / p. 150-155

Thermo-swelling behavior of Kukersite oil shale : commercial grade oil shale compared to its kerogen

Oja, Vahur; Yanchilin, Alexey; Kan, Tao; Strezov, Vladimir Journal of thermal analysis and calorimetry 2015 / p. 1163-1169 : ill <http://dx.doi.org/10.1007/s10973-014-4258-5>

Поглощение тепла ложем животного

Otloot, Hendrik 1957 https://www.ester.ee/record=b1382327*est <https://digikogu.taltech.ee/et/Item/c93c659b-f665-4145-85a3-923192167f1a>

Поглощение тепла ложем животного при периодическом пользовании

Otloot, Hendrik 1960 https://www.ester.ee/record=b1561507*est <https://digikogu.taltech.ee/et/Item/3de4a46b-fcf4-4ed9-950d-5cf32fbb6e7e>

Yields and the selected physicochemical properties of thermobitumen as an intermediate product of the pyrolysis of Kukersite oil shale

Astra, Hanna-Liina; Albert, Tiina; Mozaffari, Sepehr; Järvik, Oliver; Yanchilin, Alexey; Kamenev, Sven; Karagöz, Selhan; Oja, Vahur Oil shale 2021 / p. 295-316 <https://doi.org/10.3176/oil.2021.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Влияние неоднородностей на термоэлектрические свойства сплава 80 мол.% Bi₂Te₃ + 20 мол.% Bi₂Se₃

Goltsman, B.; Komissartšik, M.; Lukjanova, L.; Paat, Aadu Физика и техника полупроводников = Physics and technics of semiconductors 1968 / с. 873-876 : ил https://www.ester.ee/record=b1263919*est

Влияние озонирования на термические свойства полиэтилена

Viikna, Anti; Nikitina, Nonna; Soiela, Mari Polimeru chemija, fizika ir tehnologija = Polymer chemistry, physics and technology : konferencijos pranešimu medžiaga 2000 / p. 23-26 : ill

Влияние теплофизических свойств титановых сплавов на параметры электровысадки

Kommel, Lembit; Teterin, G.; Kodess, Boris N. Кузнечно-штамповочное производство 1998 / 7, с. 29-34: ил

О моделировании дискретного и непрерывного температурных полей в поперечном сечении высокотемпературного индукционного насоса с винтовым каналом (ВИНВ)

Ratnieks, Uldis; Reimal, Lembit Сборник материалов к VI Таллинскому совещанию по электромагнитным расходомерам и электротехнике жидких проводников 1975 / с. 145-158 : ил https://www.ester.ee/record=b1322170*est

Рациональные конструкции пола коровника с точки зрения уменьшения поглощения тепла из организма лежащего животного : автореферат ... кандидата технических наук

Otloot, Hendrik 1957 http://www.ester.ee/record=b2327392*est